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9 February 2004

INTELLECTUAL PROPERTY LAW

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Attorney Docket: P56972

Mail Stop: Patent Application

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith is the following patent application:

Inventor:

1) KI-WOOK KIM

Title:

APPARATUS AND METHOD FOR OPERATING AND MAINTAINING PRIVATE MOBILE COMMUNICATION SERVICE SYSTEM USING IP NETWORK

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, formal drawings, original Declaration and Power of Attorney, Information Disclosure Statement, an Assignment and certified copy of foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 8 sheets, Figures 1 through 8

Claim of priority under 35 U.S.C. §119: YES

** The Republic of Korea Application No. 2003-8633 filed on 11 February 2003.

FEE (see formula below): CHECKS ARE ENCLOSED (#45269 and #45270)

| Basic Fee \$385/770 | <u>\$770.00</u> | |
|--|-----------------|--|
| Additional Fees: | | |
| Total number of claims in excess of 20: times \$9/18 | \$0.00 | |
| Number of independent claims in excess of 3: 1 times \$43/86 | <u>\$86.00</u> | |
| Multiple Dependent Claims \$145/290 | \$ <u>0.00</u> | |
| An Assignment is likewise enclosed: Recording Fee \$40 | \$ <u>40.00</u> | |
| Filing Non-English specification | \$ <u>0.00</u> | |
| TOTAL FEES FOR THE ABOVE APPLICATION | | |

Docket No.: P56972

Inventor:

1) KI-WOOK KIM

Title:

APPARATUS AND METHOD FOR OPERATING AND MAINTAINING PRIVATE MOBILE COMMUNICATION SERVICE SYSTEM USING IP NETWORK

Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

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Respectfully submitted,

Robert E. Bushnell

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REB/rfc

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PTO/SB/17 (08-00)

Approved for use through 9/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid QMB control number. Complete If Known **ずEE TRANSMITTAL** Application Number to be assigned Patent fees are subject to annual revision. Filing Date 9 February 2004 First Named Inventor KI-WOOK KIM Examiner Name to be assigned Group/Art Unit to be assigned TOTAL AMOUNT OF PAYMENT P56972 Attorney Docket No. (\$) 896.00 **FEE CALCULATION (continued) METHOD OF PAYMENT (check one)** The Commissioner is hereby authorized to charge indicated 3. ADDITIONAL FEES fees and credit any over payments to: arge Entity **Small Entity** Deposit Account Number: 02-4943 Deposit Account Number: Fee Fee Fee Fee Fee Description Fee Paid Code Code (\$) (\$) Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1051 130 2051 65 Surcharge-late filing fee or oath \$ Applicant claims small entity status. See 37 CFR 1.27 2052 25 Surcharge-late provisional filing fee or cover sheet 1052 50 \$ 1053 130 1053 130 Non-English specification \$ \$ 1812 2.520 1812 2.520 For fling a request for reexamination **Payment Enclosed:** (CHECK #45269 & #45270) 1804 920* 1804 920* Requesting publication of SIR prior to Examiner Check C Credit Card Money Order Other **FEE CALCULATION** 1805 1.840 * 1805 1.840* Requesting publication of SIR after Examiner action \$ 1. BASIC FILING FEE 1251 110 2251 55 Extension for reply within first month 1252 420 2252 210 Extension for reply within second month \$ Large Entity Small Entity 1253 950 2253 475 \$ Fee Fee Fee Fee Extension for reply within third month Fee Description Fee Paid Code (\$) Code (\$) 1254 1.480 2254 740 Extension for reply within fourth month 1001 770 2001 385 Utility filing fee \$ 770.00 1255 2.010 2255 1.005 Extension for reply within fifth month 1002 2002 170 1401 330 2401 340 Design filing fee 165 Notice of Appeal 1003 530 2003 265 Plant filing fee 1402 330 2402 165 Filing a brief in support of an appeal 385 Reissue filing fee \$ 1403 290 2403 770 2004 145 Request for oral hearing 1004 Provisional filing fee 1005 2005 80 1451 1.510 1451 1.510 Petition to institute a public use proceeding 160 1452 110 2452 55 Petition to revive - unavoidable SUBTOTAL (1) (\$) 770 .00 2. EXTRA CLAIM FEES 1453 1,330 2453 665 Petition to revive - unintentional Extra Fee from 1501 1,330 2501 665 Utility issue fee (or reissue) Fee Claims Paid 1502 480 2502 240 Design issue fee Total claims 20 -20** 0 18.00 0.00 1503 640 2503 320 Plant issue fee Independent - 3** = 86.00 86.00 1460 130 1460 130 Petitions to the Commissioner Claims 1807 50 1807 50 Processing fee for provisional applications \$ 1806 180 1806 180 Submission of Information Disclosure Statement Multiple Dependent ** or number previously paid, if greater; For Reissues, see below 8021 8021 Recording each patent assignment per property \$ 40.00 (Times number of properties) Large Entity Small Entity Fee 1809 770 2809 385 Fee Fee Fee Fee Description Filing a submission after final rejection (37 C.F.R. §1.129(a)) \$ Code (\$) Code (\$) 1201 86 2201 43 Independent claims in excess of 3 1810 770 2810 385 For each additional invention to be examined (37 C.F.R. §1.129(b)) 1202 18 2202 9 Claims in excess of 20 145 1801 770 1203 290 2203 Multiple dependent claim, if not paid Request for Continued Examination (RCE) 2801 385 * Reissue independent claims over 1204 86 2204 43 Other Fee (specify) original patent 1205 2205 ** Reissue claims in excess of 20 and 18 Other Fee (specify) over original patent * Reduced by Basic Filing Fee Paid SUBTOTAL (2) (\$<u>)</u> 86.00 SUBTOTAL (3) \$40.00 SUBMITTED BY C mplet (if applicabl) Typed or Printed Name R b rt E. Bushn II, Esq. Reg. Numb r 27,774 Signature Date 9 February 2004 Dep sit Acc unt User ID

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